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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Jurgen BERNHARDT ET AL-2 PCT

SERIAL NO.: 10/512,737

EXAMINER: S. GUDIBANDE

FILING DATE: JUNE 16, 2005

GROUP: 1654

TITLE: TRANSPORT SYSTEM IN BIOLOGICAL SYSTEMS

**SECOND AMENDMENT IN RESPONSE TO
SUPPLEMENTAL RESTRICTION REQUIREMENT**

MAIL STOP: AMENDMENT
Hon. Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

In response to the Communication Regarding the Supplemental Restriction Requirement dated August 2, 2010, please amend the above-identified patent application as follows:

Amendments to the Claims begin on Page 2 of this document.

Restriction begins on Page 8 of this document.

Election begins on Page 9 of this document.

Remarks begin on Page 11 of this document.